

2014 Montana Government IT Conference

Networking and Convergence State Room

Wednesday December 10, 2014

10:15-11:15 “Data Center Interconnect & SDN Technologies”

Presenter: Robert Richardson, **Cisco Systems**

Learn about how Data Center Interconnect (DCI) solutions can help your IT organization meet business continuity and corporate compliance objectives such as reducing the business impact of disaster events and help ensure business continuity, improve productivity through enhanced application and data availability, and meet corporate and regulatory compliance needs and improve data security.

SDN helps accomplish these business objectives by converging the management of network and application services into centralized, extensible orchestration platforms that can automate the provisioning and configuration of the entire infrastructure.

1:45-2:45 “State of SummitNet”

Presenters: Kris Harrison (Bureau Chief – Network Technology Services Bureau),
Ron Heilman (Network Manager), and
Vince Crewey (Voice Manager) – **SITSD State of Montana**

During this session SITSD will be discussing the strategic direction of the statewide SummitNet network as well as the major upgrades to the State’s SummitNet network infrastructure. This session will also include an overview on how SITSD has improved the capabilities of the voice, video, and data network over the last year and how that impacts SITSD service offerings from an enterprise perspective. We will talk about the improved capabilities at the State of Montana data centers in Helena and Miles City along with new partnerships and collaborations across State lines.

3:00-4:00 “Data Center Requirements for Tomorrow’s Applications”

Presenter: Josh Howell, **EMC**

Mobile applications, digital marketing, and advanced analytics are changing how people want to interact with departments and agencies. Mobile technologies represent tremendous opportunities to provide better service and satisfaction, while simultaneously gathering better information, and becoming more efficient service providers. However, these future applications and services require different approaches to selecting vendors, prioritizing projects, and orchestrating datacenter operations. Join us for real-world stories of how organizations are leveraging these technologies, as well as a review of what IT professionals should be doing today to get ahead of where the ball is going next.

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Thursday December 11, 2014

10:15-11:15 “Software Defined Networking (SDN) – Getting the Most Out of Your Network”

Presenter: Dave Jameson, Fujitsu Network Communications, Inc

In his presentation, Dave Jameson will describe how SDN is capable of creating a programmable network by taking both next-generation systems and existing infrastructure and making them substantially more dynamic. As a result networks are better able to continually deliver the network performance and availability that allows employees to do their jobs and citizens to access online government resources. Jameson will also explain how bringing disparate systems and technologies together under a common management system allows agencies to more easily identify underutilized resources, extracting value that would otherwise be wasted.

1:45-2:45 “Mission Possible - Network Monitoring and Recon”

Presenter: Ray Carlson, SITSD State of Montana

SITSD’s network engineer will share what they are doing with Network visibility and how it relates to you. Topics will be SummitNet topology (how does my data navigate the network); how does SITSD analyze and monitor network traffic; data interpretations, and application finger printing.

3:00-4:00 “Wireless Unplugged”

Presenter: Mark Scherting, SITSD State of Montana

SITSD’s wireless network engineer will provide a comprehensive look at the history of the State’s wireless network (how we got to where we are at), where we are now, and what does the future hold for wireless technology in the State of Montana.